

DERWENT-ACC-NO: 2002-081391
DERWENT-WEEK: 200211
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TITLE: Method and apparatus for finishing-strengthening
working of cylindrical
surfaces
INVENTOR-NAME: KAZAKOV, V M
PRIORITY-DATA: 1999RU-0125847 (December 6, 1999)
PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
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INT-CL(IPC): B24C001/00; B24C003/10
ABSTRACTED-PUB-NO: RU 2176184C
BASIC-ABSTRACT: NOVELTY - Method involves working part
surface by means of
three disk-shaped tool heads containing small shots, such
as bearing balls,
which are fed by means of turbine into nozzle head outlet
openings. Mentioned
heads are attached to spindle by means of fastening head.
Turbine is rotated
by energy carrier supplied through turbine rib. Part
working modes and
conditions are cited in Specification. Method and
apparatus are used for shot
preening of cylindrical surfaces of parts, such as cylinder
sleeves for
internal combustion engines and compressors.

USE - Mechanical engineering.

ADVANTAGE - Wider range of facilities and improved quality
of part surfaces. 3
cl, 1 dwg

